

04-23-01

PATENT

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Attorney Docket No. UOFMD.006A

Date: April 20, 2001

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04/20/01
JC984 U.S. PTO

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231
ATTENTION: BOX PATENT APPLICATION

JC985 U.S. PTO
09/839894
04/20/01

Sir:

Transmitted herewith for filing is the patent application of

Inventors: Zeev Altboum, Myron M. Levine, and Eileen M. Barry

For: ISOLATION AND CHARACTERIZATION OF THE *csa* OPERON (ETEC-CS4 PILI) AND
METHODS OF USING SAME

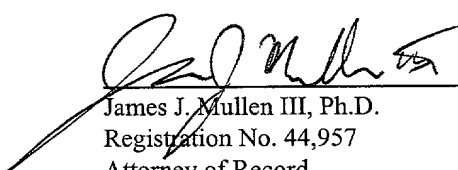
Enclosed are:

- (X) Four (4) sheets of drawing.
- (X) Sequence Submission Statement in 1 page; Sequence Listing in 37 pages; compact disk (CD) with data identical to the Sequence Listing in the application.
- (X) The CD was prepared on an IBM-PC, using MS-Windows, and has 1 file entitled, "SEQLIST.TXT," of 89 KB, and was created on 04/20/01.
- (X) Return prepaid postcard.

The present application qualifies for small entity status under 37 C.F.R. § 1.27. The fees are calculated below:

CLAIMS AS FILED				
FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE
Basic Fee			\$355	\$355
Total Claims	81 - 20 =	61 ×	\$9	\$549
Independent Claims	7 - 3 =	4 ×	\$40	\$160
If application contains any multiple dependent claims(s), then add			\$135	\$-0-
TOTAL FILING FEE				\$1064

- (X) A check in the amount of \$1064 to cover the filing fee is enclosed.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410. A duplicate copy of this sheet is enclosed.
- (X) Please use Customer No. 20,995 for the correspondence address.


James J. Mullen III, Ph.D.
Registration No. 44,957
Attorney of Record

09839894 04/20/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Altbourn, et al.)
)
 Appl. No. : Unknown)
)
 Filed : Herewith)
)
 For : ISOLATION AND CHARACTERIZATION)
 OF THE *csa* OPERON (ETEC-CS4 PILI))
 AND METHODS OF USING SAME)
)
 Group Art Unit : Unknown)

SEQUENCE SUBMISSION STATEMENT

Assistant Commissioner for Patents
 Washington, D.C. 20231

Dear Sir:

A copy of the Sequence Listing in computer readable form as required by 37 C.F.R.

§ 1.821(e) is submitted herewith.

As required by 37 C.F.R. § 1.821(f), the data on the enclosed compact disk is identical to the Sequence Listing in the application filed herewith.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 20 APR 2001

By: 

James J. Mullen III, Ph.D.

Registration No. 44,957

Attorney of Record

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Assistant Commissioner for Patents
Washington, D.C. 20231

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Attorney Docket No. : UOFMD.006A

Applicants : Altboum et al.

For : ISOLATION AND CHARACTERIZATION OF THE
csa OPERON (ETEC-CS4 PILI) AND METHODS OF
USING SAME

Attorney : James J. Mullen III, Ph.D.

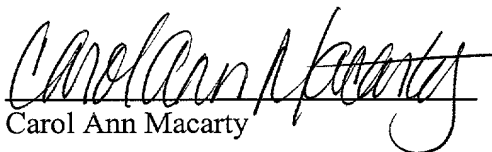
"Express Mail"
Mailing Label No. : EL 842 761 177 US

Date of Deposit : April 20, 2001

I hereby certify that the accompanying

Transmittal; Specification in 62 pages; 4 sheets of drawings; Sequence Submission
Statement in 1 page; Sequence Listing in 37 pages; Compact Disk (CD) with data
identical to the Sequence Listing; Check for Filing Fee; Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee"
service under 37 CFR 1.10 on the date indicated above and are addressed to the Assistant Commissioner
for Patents, Washington, D.C. 20231.


Carol Ann Macarty

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